



CERTIFICATE OF ANALYSIS (COA)

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Aldehyde C-10 Natural

PRODUCT INFORMATION

Product Name: Aldehyde C-10 Natural
CAS Number: 8028-48-6
Product Type: Natural Aroma / Fragrance Ingredient

FEMA Number: 2362
FL Number: 05.010
HS Code: 2912.19.2000

ORGANOLEPTIC & QUALITY SPECIFICATIONS

Test	Specification	Result
Physical State	Liquid	Conforms
Appearance	Clear	Conforms
Colour	Colourless to Slightly Yellow	Conforms
Odour / Olfactive Profile	Citrus, Fatty, Floral; Fatty Orange Nuances	Conforms
Purity (GC)	≥ 95%	Conforms
Specific Gravity @ 20° C	0.813 - 0.835	Conforms
Refractive Index @ 20° C	1.426 - 1.432	Conforms
Flash Point	85° C (185° F)	Conforms
Boiling Point	204° C (399.2° F)	Conforms
Solubility	Soluble in Alcohol and Propylene Glycol; Moderately Soluble in Oils	Conforms



QUALITY CONCLUSION

Based on the above specifications, Natural Aldehyde C-10 conforms to the established quality parameters for use as a natural aroma and fragrance ingredient.

Purity Specification: Minimum 95% by GC

STORAGE & STABILITY

Store in a cool, dark area below 21 °C (70 °F).

Keep the container tightly closed and protected from heat, light and excessive exposure to air.

Where appropriate, purge the container headspace with nitrogen after opening.

Shelf Life: 48 months under recommended storage conditions.

Authorised by:

Fozia Khot

Director